PHOTOGRAPHIC INTERPRETATION REPORT

DROVYANAYA ICBM COMPLEX USSR

25X1

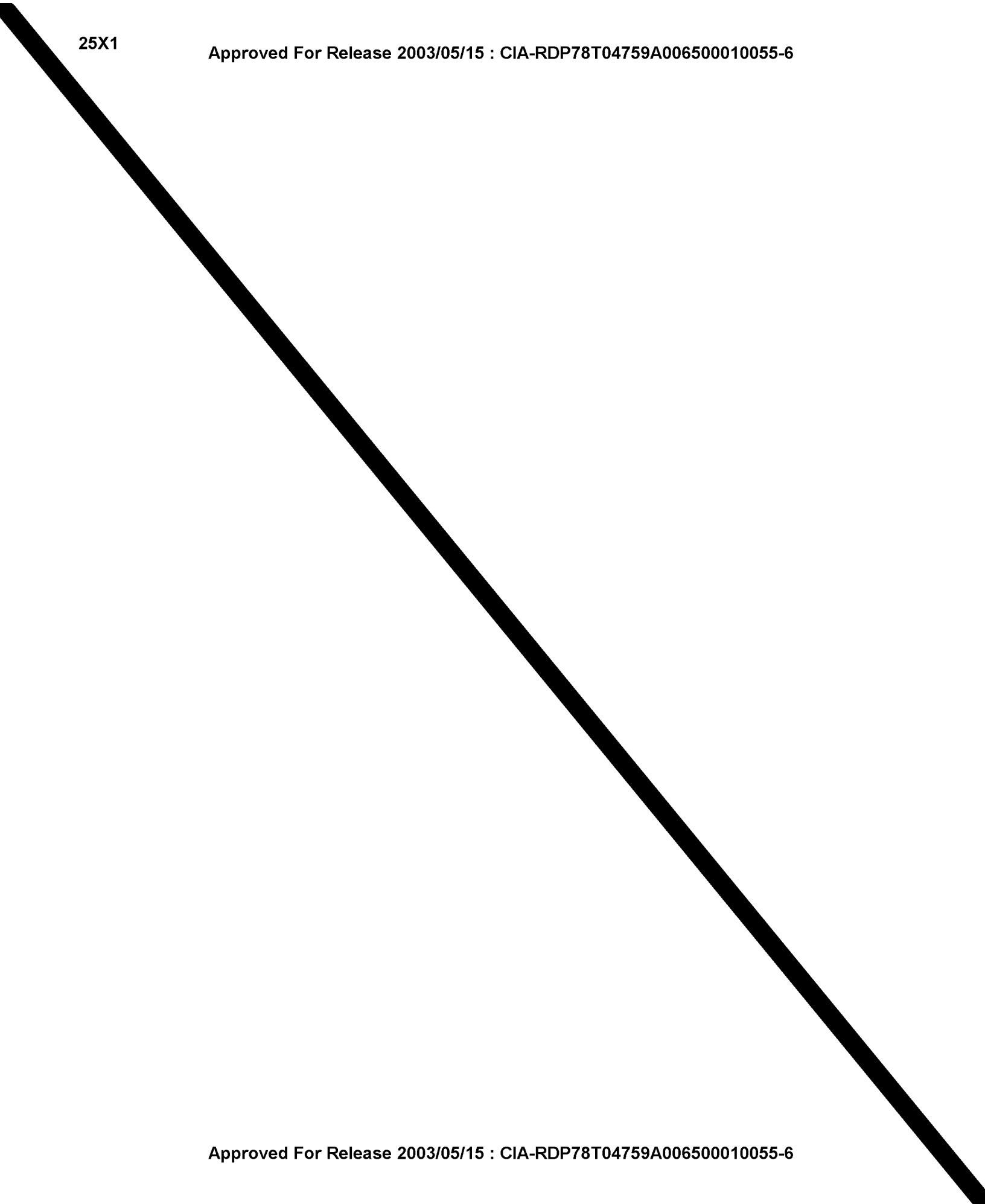
MAY 1967

COPY 116

6 PAGES

25X1

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION



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PREFACE

This report updates and supersedes [redacted] Drovyanaya ICBM Complex, USSR, 1/ the initial report in a series prepared in response to CIA Requirement C-DI5-82,972 requesting detailed line drawings, to scale, of elements of the complex. The information contained herein is based on [redacted] photography through [redacted] Individual reports will be updated periodically to reflect changes observed on subsequent photography. 25X1 25X1 25X1D

DROVYANAYA ICBM COMPLEX, USSR

The Drovyanaya ICBM Complex (Figure 1) is in the Southern Mountains Region of Central Siberia. The complex support facility is in the valley on the east side of the Ingoda river, about 3.0 nautical miles (nm) south of the town of Drovyanaya. Chita, the largest city within a radius of at least 400 nm, is located on the Trans-Siberian Railroad about 36.0 nm north-northeast of the complex. Although Type IIB, IID, and IIIA launch sites were deployed initially at this complex, it now consists predominantly of Type IIID launch sites.

The terrain in this part of Central Siberia consists of heavily forested mountains cut by numerous drains. Elevations in the vicinity of the complex range from 2,400 feet along the river valley to 4,400 feet at some of the mountain peaks. The Ingoda river, on the west side of the complex, flows northeast to Chita where it curves to the southeast. The Olenguy river, on the east side of the complex, flows northwest to join the Ingoda southeast of Chita. The complex is located between the 2 rivers. It extends about 21 nm in an east-west direction and about 32 nm north-to-south. There are a few small towns, and some evidence of agriculture in the valleys of a few of the larger drains, but the rest of the area appears to be virtually uninhabited.

The winters in this region are extremely cold, with light snowfall that usually remains on the ground from mid-November through March; skies are frequently clear. The summers are cool-to-warm, with generally increased cloudiness. Precipitation is at a maximum in the summer, and is usually in the form of showers. The Southern Mountains Region is the least cloudy of the 3 regions of Central Siberia. The overall average cloudiness is less than 60 percent. Cloudiness in this region is strongly affected by terrain, and occurs most frequently in valleys which open to the north; other valleys, protected by mountain ranges in all directions, may experience frequent periods without extensive cloudiness. Minimum cloudiness usually occurs near or after midnight, and the maximum during the afternoon. On the average, clear skies are most prevalent from November through March when about one-third to more than one-half the days are clear. The least number of clear days generally occurs in late spring, summer, or early autumn when only one-third or less of the days are clear.

Transportation of equipment and material into the complex is dependent primarily on rail. A single-track rail spur serves both parts of the complex support facility and terminates at the rail-to-road transfer point. The spur joins the Trans-Siberian Railroad about 11 nm north of Drovyanaya. The complex is connected by road with the city of Chita. A few mountain roads and trails traverse some of the stream valleys within the complex, but they will not accommodate large loads or heavy traffic. Concurrent with the deployment of the first launch sites, a well-engineered complex main road system was constructed to provide access to the various components of the complex. With the advent of Type IIID launch sites, this pattern was changed. Construction equipment and material were moved to the sites over existing mountain roads. It was not until the launch sites approached completion that road improvement such as new bridges, wide-radius turns and improved gradients became apparent.

The Drovyanaya ICBM Complex was first observed in [redacted] There 25X1D
25X1D was no indication of the complex in [redacted] Construction of a Type IIB 25X1D
and a Type IIIA launch site was started during the spring and summer of
25X1D [redacted] In the following year, 2 Type IID and 2 more Type IIIA launch sites
were observed under construction. These sites were all complete by [redacted] 25X1D
[redacted] The deployment of Type IIID launch sites was observed during the
25X1D summer of [redacted] in the mountains to the south and east of the complex.
25X1D Starting in late [redacted] construction of Type IIID sites was observed across the
mountain ridge toward the valley of the Olenguy river. In addition to the 6
launch sites originally deployed at the complex, there are now 5 groups of
Type IIID launch sites either complete or under construction.

This complex has been steadily expanded since the early months of [redacted] 25X1D
when the Type IIID launch sites were first observed. It is obvious that the mountainous terrain at this complex increases deployment expenditures; however, if the Soviets are willing to meet these increased costs, there is ample room for at least 3 to 5 more launch groups. To the west of the complex, across the Ingoda river, there is unlimited room for expansion.

DROVYANAYA ICBM COMPLEX, USSR

Component	Type	Geographic Coordinates
Complex Support Facility	--	51-31N 113-00E
Launch Site 1	IIB	51-25N 113-00E
Launch Site 2	IIIA	51-25N 113-04E
Launch Site 3	IID	51-26N 113-01E
Launch Site 4	IID	51-27N 113-03E
Launch Site 5	IIIA	51-22N 112-56E
Launch Site 6	IIIA	51-20N 112-54E
Launch Group G		
Launch Site 7G	IIID	51-38N 113-05E
Launch Site 8G*	IIID	51-34N 113-04E
Launch Site 9G	IIID	51-36N 113-02E
Launch Site 10G	IIID	51-33N 113-07E
Launch Site 11G	IIID	51-36N 113-07E
Launch Site 12G	IIID	51-29N 113-00E
Launch Site 13G	IIID	51-31N 113-04E
Launch Site 14G	IIID	51-29N 113-06E
Launch Site 16G	IIID	51-35N 113-12E
Launch Site 18G	IIID	51-31N 113-00E
Launch Group H		
Launch Site 15H*	IIID	51-26N 113-02E
Launch Site 19H	IIID	51-21N 112-51E
Launch Site 20H	IIID	51-22N 112-57E
Launch Site 21H	IIID	51-20N 113-04E
Launch Site 22H	IIID	51-22N 113-02E
Launch Site 23H	IIID	51-25N 113-09E
Launch Site 24H	IIID	51-23N 113-06E
Launch Site 25H	IIID	51-18N 112-57E
Launch Site 26H	IIID	51-21N 112-47E
Launch Site 28H	IIID	51-24N 112-52E
Launch Group I		
Launch Site 29I	IIID	51-38N 113-31E
Launch Site 30I	IIID	51-41N 113-30E
Launch Site 31I	IIID	51-35N 113-30E
Launch Site 32I	IIID	51-38N 113-25E
Launch Site 33I*	IIID	51-35N 113-26E
Launch Site 34I	IIID	51-32N 113-25E
Launch Site 35I	IIID	51-36N 113-21E
Launch Site 36I	IIID	51-40N 113-37E
Launch Site 37I	IIID	51-43N 113-37E
Launch Site 40I	IIID	51-44N 113-31E
Launch Group J		
Launch Site 38J	IIID	51-17N 113-23E
Launch Site 39J	IIID	51-21N 113-26E
Launch Site 42J	IIID	51-21N 113-20E
Launch Site 43J	IIID	51-18N 113-14E
Launch Site 44J*	IIID	51-16N 113-18E
Launch Site 45J	IIID	51-15N 113-14E
Launch Site 46J	IIID	51-12N 113-18E
Launch Site 47J	IIID	51-11N 113-14E
Launch Site 48J	IIID	51-17N 113-11E
Launch Site 50J	IIID	51-13N 113-10E
Launch Group K		
Launch Site 49K	IIID	51-31N 113-18E
Launch Site 51K	IIID	51-31N 113-12E
Launch Site 52K	IIID	51-28N 113-12E
Launch Site 53K	IIID	51-25N 113-17E
Launch Site 54K	IIID	51-24N 113-18E
Launch Site 55K	IIID	51-25N 113-12E
Launch Site 56K	IIID	51-26N 113-27E
Launch Site 57K	IIID	51-25N 113-25E
Launch Site 58K (Prob)	IIID	51-29N 113-28E
Launch Site 41X	IIID	51-30N 113-02E

*Control Site.

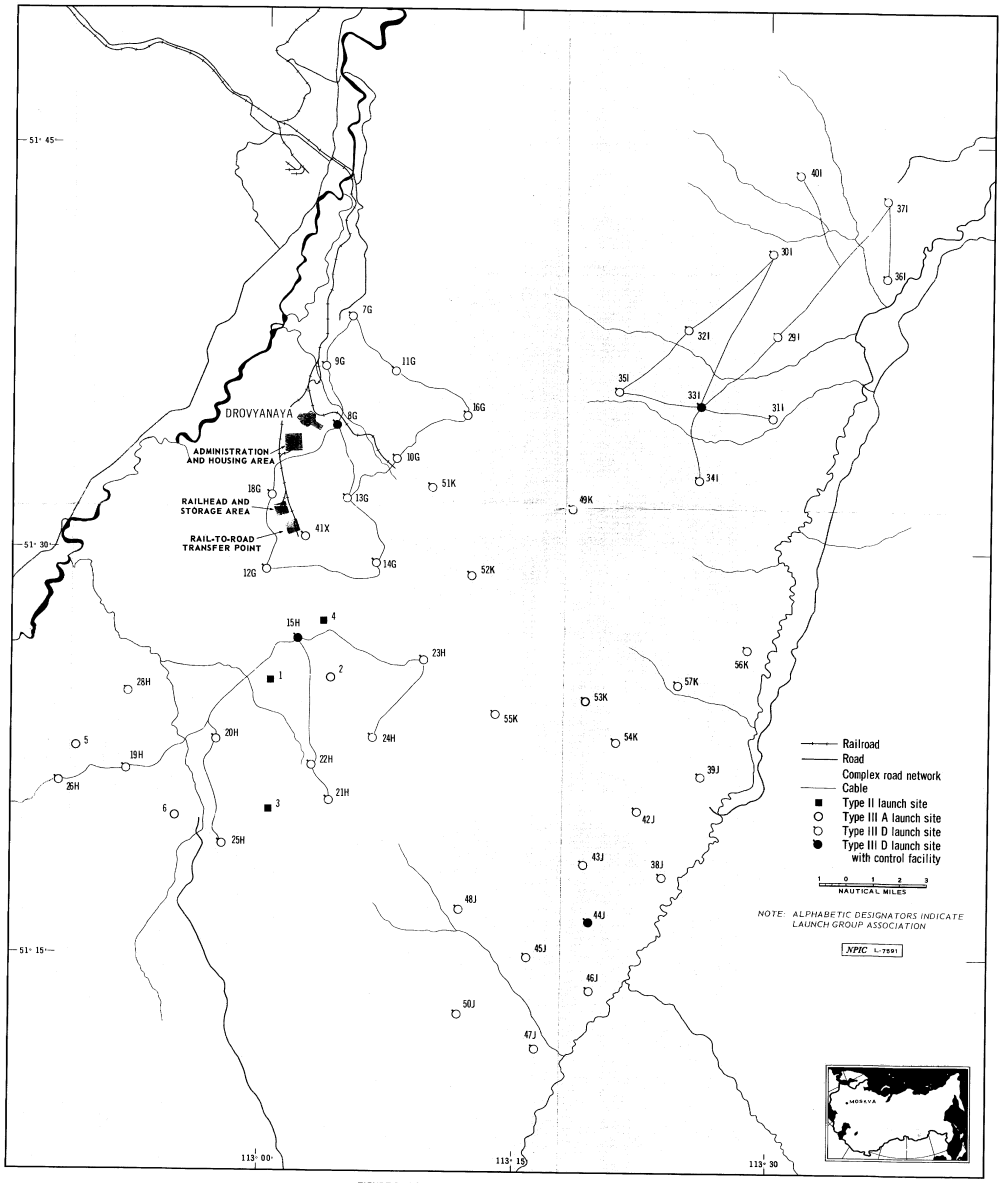

FIGURE 1. LOCATION OF DROVYANAYA ICBM COMPLEX.

25X1 [redacted] TOP SECRET [redacted] 25X1

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REFERENCES

[redacted]

DOCUMENT

25X1 1. NPIC. [redacted] *Drovyanaya ICBM Complex, USSR*, Jul 66 (TOP SECRET [redacted]) 25X1

REQUIREMENT

CIA. C-DI5-82,972

NPIC PROJECT

11210/66 (partial answer)

25X1 [redacted] TOP SECRET

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